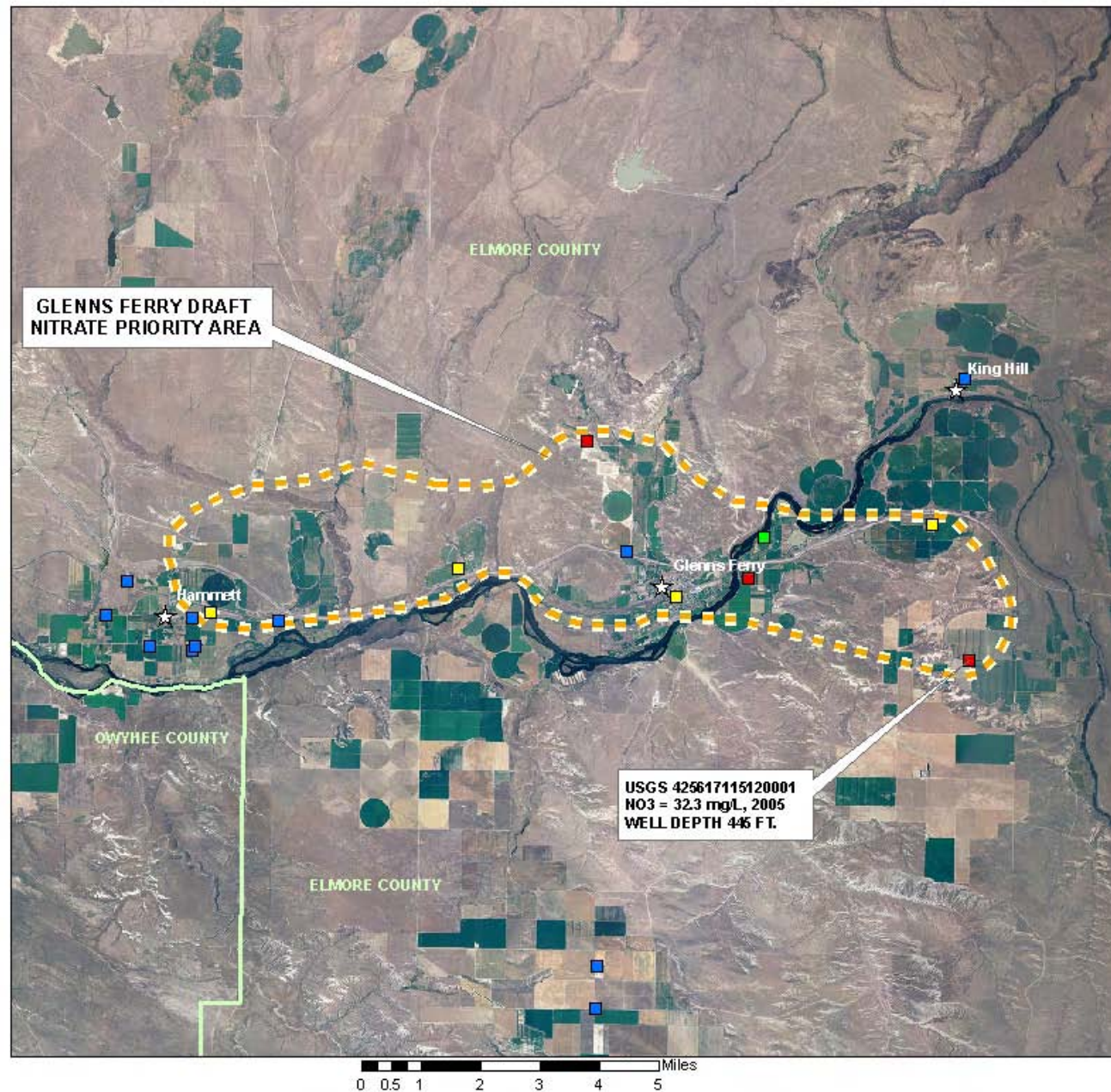


## **APPENDIX #17 – GLENNS FERRY**

### **GLENNS FERRY NITRATE PRIORITY AREA #17 SCORE SHEET AND MAP**

<b>Priority Area Number: 17</b>		<b>Priority Area Name: Glenns Ferry</b>		
<b>Ranking Criteria</b>			<b>Score</b>	<b>Comments</b>
<b>1) POPULATION</b>				
	<b>Points</b>	<b>Select One</b>		
<b>a) Within Degraded Area</b>				
<1000	1			
1000 to 10,000	2	x	2	1868
10,000 to 100,000	3			
		<b>Subtotal</b>	<b>2</b>	
<b>b) Source Water Protection Areas or Public Water System wells in Priority Area</b>				
0	0			
1 to 20	1	x	1	4
>20	2			
		<b>Subtotal</b>	<b>1</b>	
<b>c) Number of Wells with NO<sub>3</sub> &gt; 10 mg/l</b>				
0	0			
1 to 2	1			
3 to 5	2	x	2	3
6 to 9	3			
10 to 15	4			
>15	5			
		<b>Subtotal</b>	<b>2</b>	
		<b>Population Score</b>	<b>5</b>	
		<b>Max Possible Score = 10</b>		
<b>2) WATER QUALITY</b>				
	<b>% wells</b>	<b>Nitrate Concentration</b>		
		<b>Criteria</b>		
Percent of wells with NO <sub>3</sub> >2 mg/l	82%	2	1.64	
Percent of wells with NO <sub>3</sub> >5 mg/l	73%	5	3.65	
Percent of wells with NO <sub>3</sub> ≥ 10 mg/l	27%	10	2.70	
		<b>Water Quality Total</b>	<b>7.99</b>	
<b>3) WATER QUALITY TRENDS</b>				
		<b>Select One</b>		
Increasing	10			
No Discernable Trend	5	x	5	
Decreasing trend	0			
		<b>Trend Score</b>	<b>5</b>	
		<b>Max Possible Score = 10</b>		
<b>4) OTHER BENEFICIAL USES</b>				
Other beneficial uses are impaired	2	Yes=2 No = 0	0	
		<b>Beneficial use score</b>	<b>0</b>	
		<b>Max Possible Score = 2</b>		
<b>Total Score</b>			<b>17.99</b>	



**DRAFT**

## GLENN'S FERRY NITRATE PRIORITY AREA FOR GROUND WATER

### Legend

#### Nitrate Concentrations Milligrams per Liter (mg/L)

- Non-Detect - 1.99
- 2.00 - 4.99
- 5.00 - 9.99
- ≥ 10.00

○ Draft Nitrate Priority Areas

☆ Cities

□ County Boundaries

Nitrate Priority Area - 25% of samples are greater than or equal to 1/2 drinking water standards or 5.00 mg/L

EPA Drinking Water Standards for Nitrate is 10.00 mg/L



July, 2008

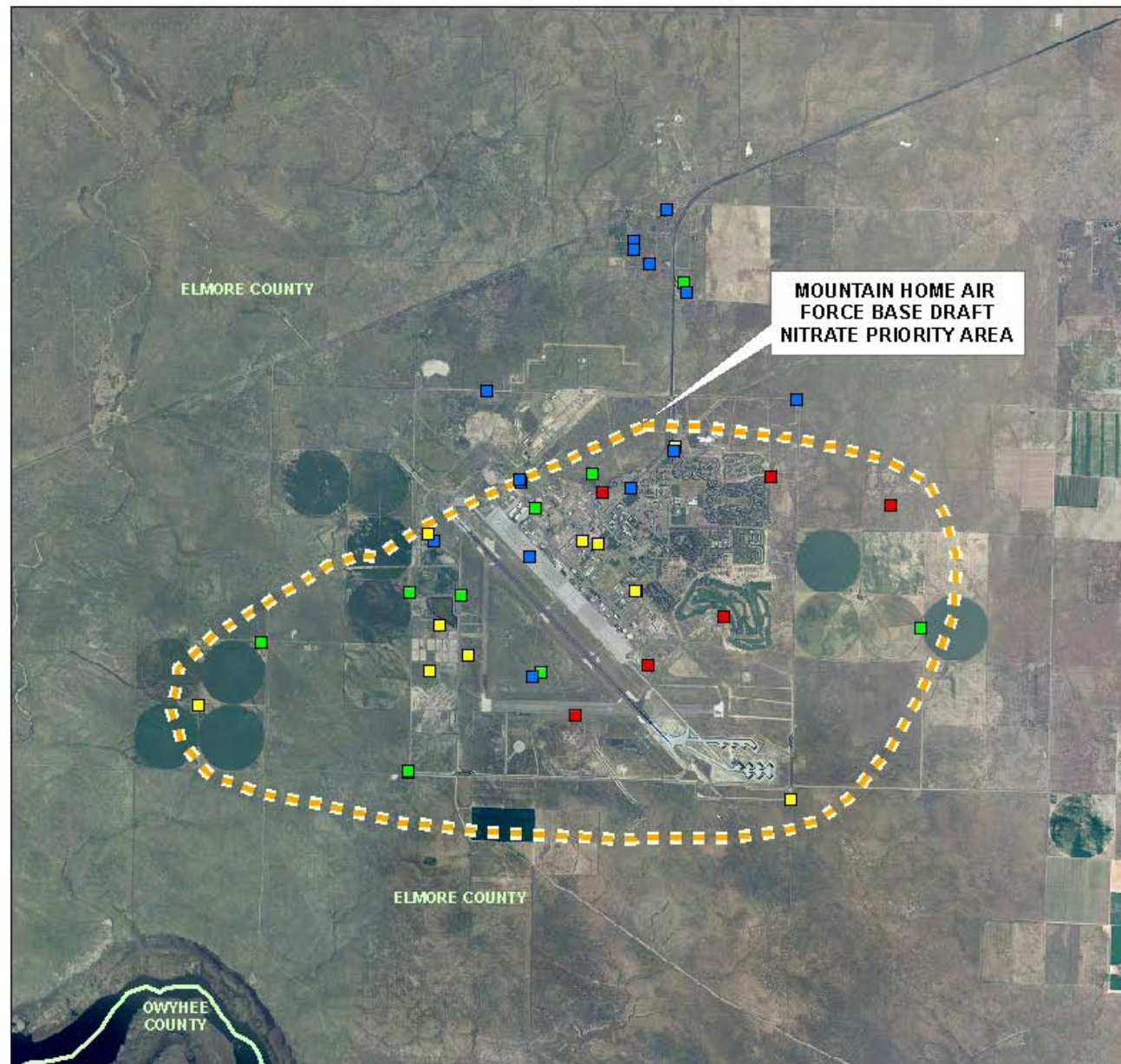
The Snake River is a hydrogeological divide, however the priority area crosses the river as a deeper aquifer unit

**APPENDIX #18 –  
MOUNTAIN HOME AIR FORCE BASE**

**MOUNTAIN HOME AIR FORCE BASE  
NITRATE PRIORITY AREA #18  
SCORE SHEET AND MAP**

<b>Priority Area Number: 18</b>		<b>Priority Area Name: Mountain Home AFB</b>		
<b>Ranking Criteria</b>			<b>Score</b>	<b>Comments</b>
<b>1) POPULATION</b>				
	<b>Points</b>	<b>Select One</b>		
<b>a) Within Degraded Area</b>				
<1000	1			
1000 to 10,000	2	x	2	8903
10,000 to 100,000	3			
		<b>Subtotal</b>	<b>2</b>	
<b>b) Source Water Protection Areas or Public Water System wells in Priority Area</b>				
0	0			
1 to 20	1	x	1	8
>20	2			
		<b>Subtotal</b>	<b>1</b>	
<b>c) Number of Wells with NO<sub>3</sub> &gt; 10 mg/l</b>				
0	0			
1 to 2	1			
3 to 5	2			
6 to 9	3	x	3	8
10 to 15	4			
>15	5			
		<b>Subtotal</b>	<b>3</b>	
		<b>Population Score</b>	<b>6</b>	
		<b>Max Possible Score = 10</b>		
<b>2) WATER QUALITY</b>				
	% wells	<b>Nitrate Concentration</b>		
		<b>Criteria</b>		
Percent of wells with NO <sub>3</sub> >2 mg/l	81%	2	1.62	
Percent of wells with NO <sub>3</sub> >5 mg/l	56%	5	2.80	
Percent of wells with NO <sub>3</sub> ≥ 10 mg/l	22%	10	2.20	
		<b>Water Quality Total</b>	<b>6.62</b>	
<b>3) WATER QUALITY TRENDS</b>				
		<b>Select One</b>		
Increasing	10			
No Discernable Trend	5	x	5	
Decreasing trend	0			
		<b>Trend Score</b>	<b>5</b>	
		<b>Max Possible Score = 10</b>		
<b>4) OTHER BENEFICIAL USES</b>				
Other beneficial uses are impaired	2	Yes=2 No = 0	0	
		<b>Beneficial use score</b>	<b>0</b>	
		<b>Max Possible Score = 2</b>		
<b>Total Score</b>			<b>17.62</b>	





**DRAFT**

**MOUNTAIN HOME AFB  
NITRATE PRIORITY AREA  
FOR GROUND WATER**

**Legend**

**Nitrate Concentrations**

**Milligrams per Liter (mg/L)**

- Non-detect - 1.99
- 2.00 - 4.99
- 5.00 - 9.99
- $\geq 10.00$

- - - Draft Nitrate Priority Areas

☆ Cities

□ County Boundaries

Nitrate Priority Area - 25% of samples  
are greater than or equal to 1/2 drinking  
water standards or 5.00 mg/L

EPA Drinking Water Standards  
for Nitrate is 10.00 mg/L



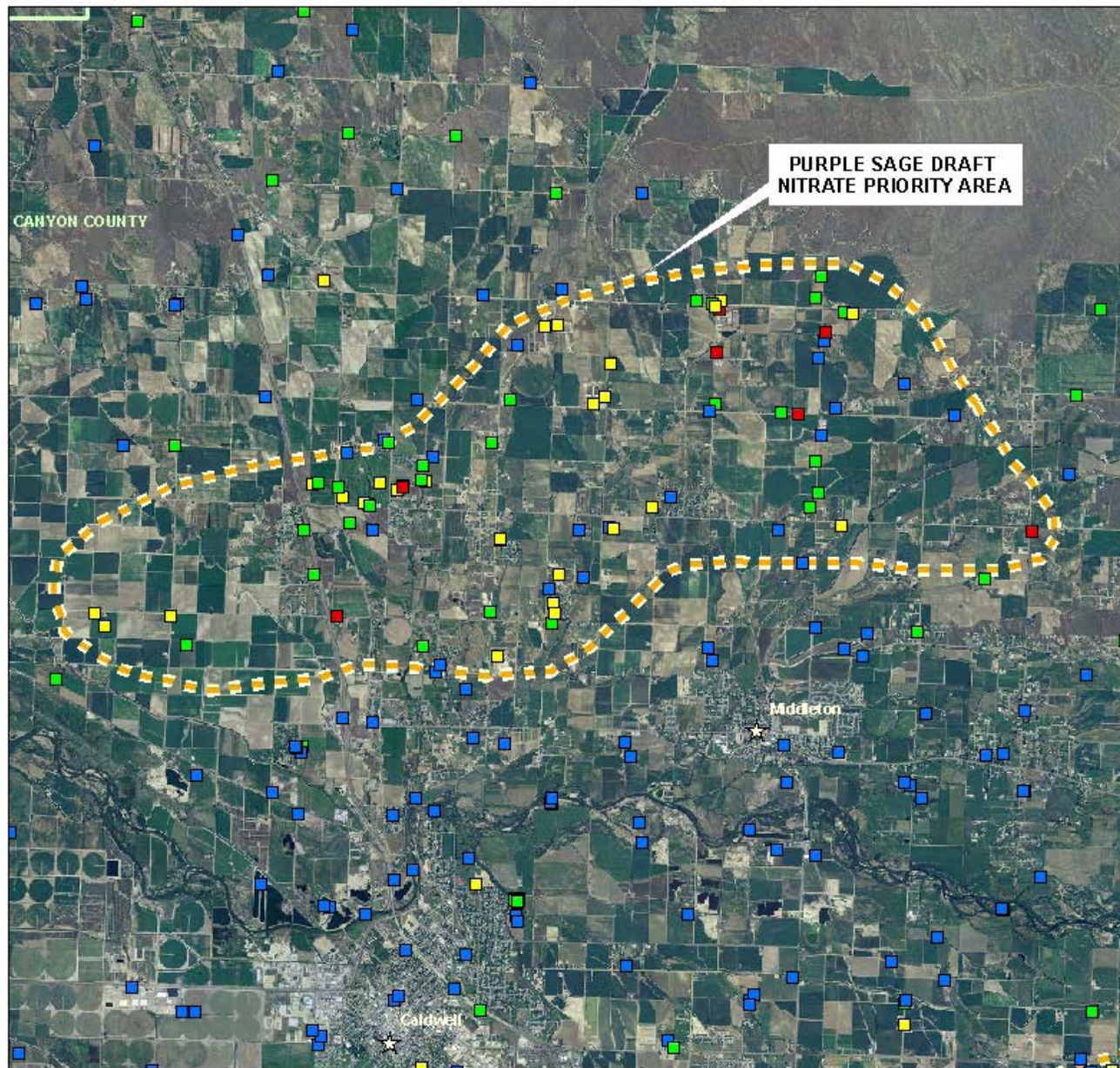
July, 2008

## **APPENDIX #19 – PURPLE SAGE**

### **PURPLE SAGE NITRATE PRIORITY AREA #19 SCORE SHEET AND MAP**

<b>Priority Area Number: 19</b>		<b>Priority Area Name: Purple Sage</b>		
<b>Ranking Criteria</b>			<b>Score</b>	<b>Comments</b>
<b>1) POPULATION</b>				
	<b>Points</b>	<b>Select One</b>		
<b>a) Within Degraded Area</b>				
<1000	1			
1000 to 10,000	2	x	2	2835
10,000 to 100,000	3			
		<b>Subtotal</b>	<b>2</b>	
<b>b) Source Water Protection Areas or Public Water System wells in Priority Area</b>				
0	0			
1 to 20	1			
>20	2	X	2	25
		<b>Subtotal</b>	<b>2</b>	
<b>c) Number of Wells with NO<sub>3</sub> &gt; 10 mg/l</b>				
0	0			
1 to 2	1			
3 to 5	2			
6 to 9	3	x	3	9
10 to 15	4			
>15	5			
		<b>Subtotal</b>	<b>3</b>	
		<b>Population Score</b>	<b>7</b>	
		<b>Max Possible Score = 10</b>		
<b>2) WATER QUALITY</b>				
	<b>% wells</b>	<b>Nitrate Concentration Criteria</b>		
Percent of wells with NO <sub>3</sub> >2 mg/l	76%	2	1.52	
Percent of wells with NO <sub>3</sub> >5 mg/l	44%	5	2.20	
Percent of wells with NO <sub>3</sub> ≥ 10 mg/l	10%	10	1.00	
		<b>Water Quality Total</b>	<b>4.72</b>	
<b>3) WATER QUALITY TRENDS</b>				
		<b>Select One</b>		
Increasing	10			
No Discernable Trend	5	X	5	
Decreasing trend	0			
		<b>Trend Score</b>	<b>5</b>	
		<b>Max Possible Score = 10</b>		
<b>4) OTHER BENEFICIAL USES</b>				
Other beneficial uses are impaired	2	Yes=2 No = 0	0	
		<b>Beneficial use score</b>	<b>0</b>	
		<b>Max Possible Score = 2</b>		
<b>Total Score</b>			<b>16.72</b>	





**DRAFT**

## PURPLE SAGE NITRATE PRIORITY AREA FOR GROUND WATER

### Legend

**Nitrate Concentrations  
Milligrams per Liter (mg/L)**

- Non-Detect - 1.99
- 2.00 - 4.99
- 5.00 - 9.99
- $\geq 10.00$

- ▬ Draft Nitrate Priority Areas
- ☆ Cities
- ▬ County Boundaries

Nitrate Priority Area - 25% of samples  
are greater than or equal to 1/2 drinking  
water standards or 5.00 mg/L

EPA Drinking Water Standards  
for Nitrate is 10.00 mg/L



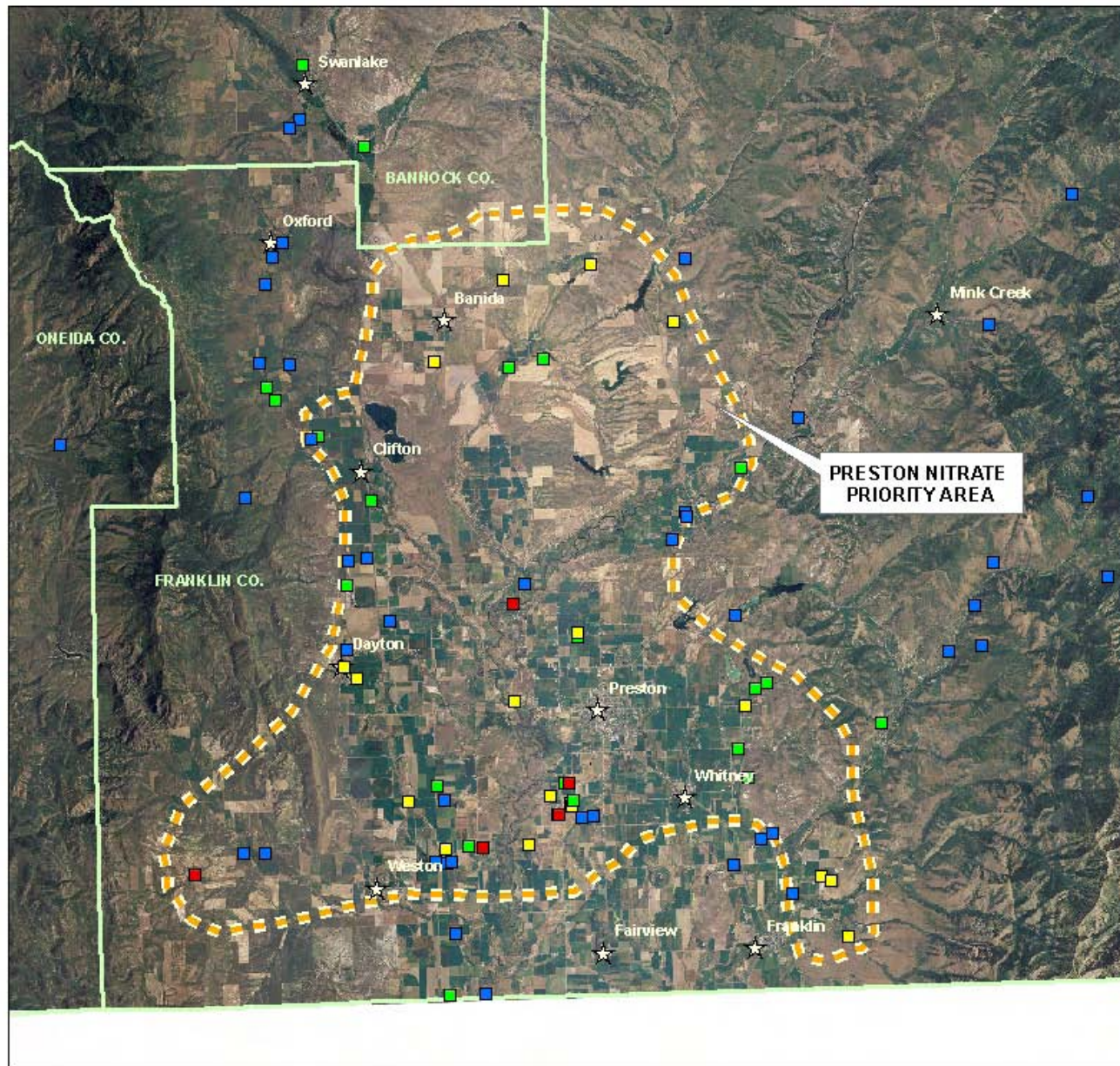
July, 2008

## **APPENDIX #20 – PRESTON**

### **PRESTON NITRATE PRIORITY AREA #20 SCORE SHEET AND MAP**

<b>Priority Area Number: 20</b>		<b>Priority Area Name: Preston</b>		
<b>Ranking Criteria</b>			<b>Score</b>	<b>Comments</b>
<b>1) POPULATION</b>				
	<b>Points</b>	<b>Select One</b>		
<b>a) Within Degraded Area</b>				
<1000	1			
1000 to 10,000	2	x	2	8178
10,000 to 100,000	3			
		<b>Subtotal</b>	<b>2</b>	
<b>b) Source Water Protection Areas or Public Water System wells in Priority Area</b>				
0	0			
1 to 20	1			
>20	2	x	2	23
		<b>Subtotal</b>	<b>2</b>	
<b>c) Number of Wells with NO<sub>3</sub> &gt; 10 mg/l</b>				
0	0			
1 to 2	1			
3 to 5	2			
6 to 9	3	x	3	6
10 to 15	4			
>15	5			
		<b>Subtotal</b>	<b>3</b>	
		<b>Population Score</b>	<b>7</b>	
		<b>Max Possible Score = 10</b>		
<b>2) WATER QUALITY</b>				
	<b>% wells</b>	<b>Nitrate Concentration</b>		
		<b>Criteria</b>		
Percent of wells with NO <sub>3</sub> >2 mg/l	68%	2	1.36	
Percent of wells with NO <sub>3</sub> >5 mg/l	41%	5	2.05	
Percent of wells with NO <sub>3</sub> ≥ 10 mg/l	10%	10	1.00	
		<b>Water Quality Total</b>	<b>4.41</b>	
<b>3) WATER QUALITY TRENDS</b>				
		<b>Select One</b>		
Increasing	10			
No Discernable Trend	5	x	5	
Decreasing trend	0			
		<b>Trend Score</b>	<b>5</b>	
		<b>Max Possible Score = 10</b>		
<b>4) OTHER BENEFICIAL USES</b>				
Other beneficial uses are impaired	2	Yes=2 No = 0	0	
		<b>Beneficial use score</b>	<b>0</b>	
		<b>Max Possible Score = 2</b>		
<b>Total Score</b>			<b>16.41</b>	





**DRAFT**

## PRESTON NITRATE PRIORITY AREA FOR GROUND WATER

### Legend

#### Nitrate Concentrations Milligrams per Liter (mg/L)

- Non-detect - 1.99
- 2.00 - 4.99
- 5.00 - 9.99
- $\geq 10.00$

- ▬ Draft Nitrate Priority Areas
- ☆ Cities
- ▬ County Boundaries

Nitrate Priority Area - 25% of samples  
are greater than or equal to 1/2 drinking  
water standards or 5.00 mg/L

EPA Drinking Water Standards  
for Nitrate is 10.00 mg/L



July, 2008

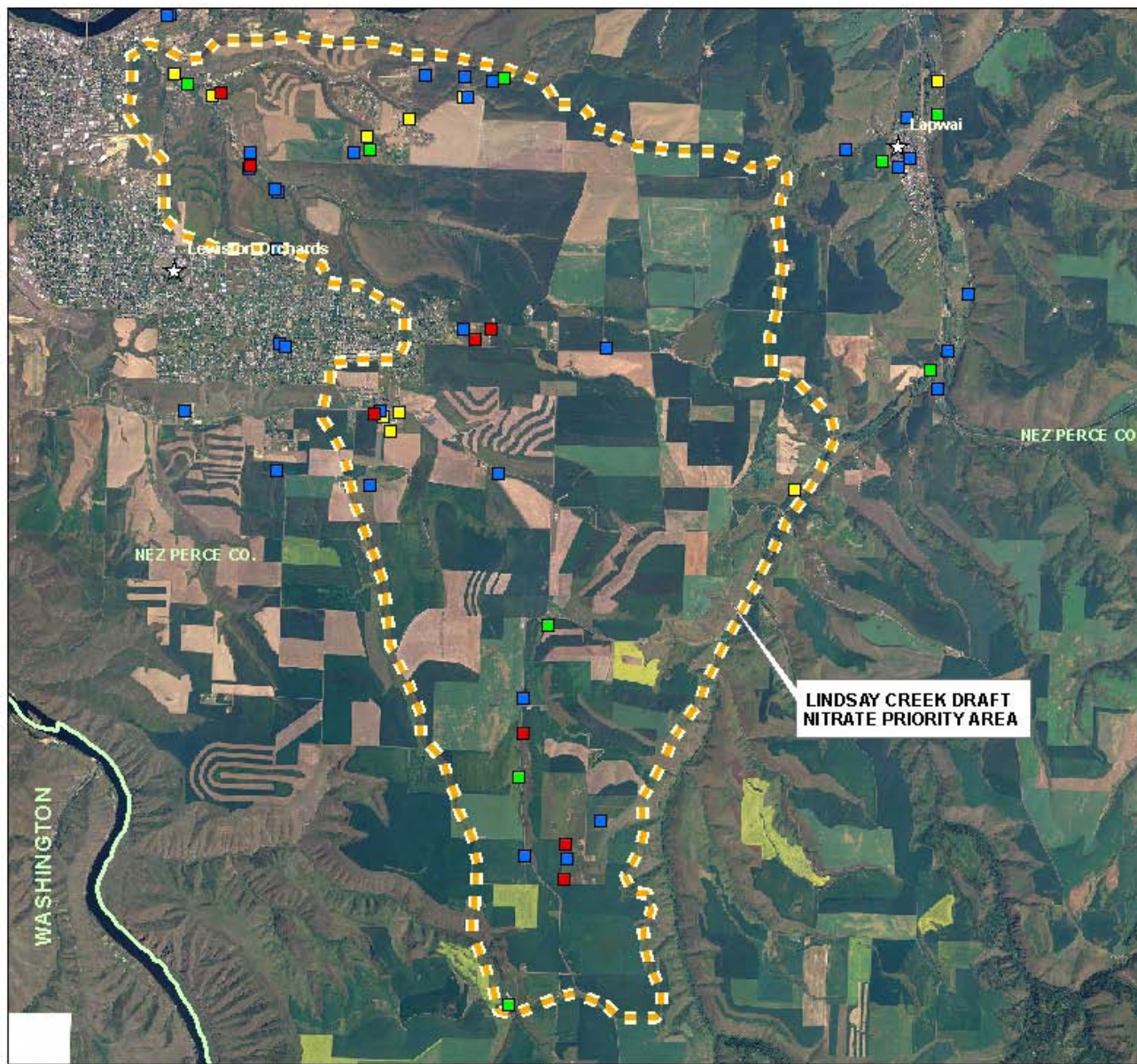
0 1.25 2.5 5 7.5 10 Miles

## **APPENDIX #21 – LINDSAY CREEK**

### **LINDSAY NITRATE PRIORITY AREA #21 SCORE SHEET AND MAP**

<b>Priority Area Number: 21</b>		<b>Priority Area Name: Lindsay Creek</b>		
<b>Ranking Criteria</b>			<b>Score</b>	<b>Comments</b>
<b>1) POPULATION</b>				
	<b>Points</b>	<b>Select One</b>		
<b>a) Within Degraded Area</b>				
<1000	1			
1000 to 10,000	2	x	2	1275
10,000 to 100,000	3			
		<b>Subtotal</b>	<b>2</b>	
<b>b) Source Water Protection Areas or Public Water System wells in Priority Area</b>				
0	0			
1 to 20	1	x	1	16
>20	2			
		<b>Subtotal</b>	<b>1</b>	
<b>c) Number of Wells with NO<sub>3</sub> &gt; 10 mg/l</b>				
0	0			
1 to 2	1			
3 to 5	2			
6 to 9	3	x	3	9
10 to 15	4			
>15	5			
		<b>Subtotal</b>	<b>3</b>	
		<b>Population Score</b>	<b>6</b>	
		<b>Max Possible Score = 10</b>		
<b>2) WATER QUALITY</b>				
	<b>% wells</b>	<b>Nitrate Concentration Criteria</b>		
Percent of wells with NO <sub>3</sub> >2 mg/l	56%	2	1.12	
Percent of wells with NO <sub>3</sub> >5 mg/l	40%	5	2.00	
Percent of wells with NO <sub>3</sub> ≥ 10 mg/l	20%	10	2.00	
		<b>Water Quality Total</b>	<b>5.12</b>	
<b>3) WATER QUALITY TRENDS</b>				
		<b>Select One</b>		
Increasing	10			
No Discernable Trend	5	x	5	
Decreasing trend	0			
		<b>Trend Score</b>	<b>5</b>	
		<b>Max Possible Score = 10</b>		
<b>4) OTHER BENEFICIAL USES</b>				
Other beneficial uses are impaired	2	Yes=2 No = 0	0	
		<b>Beneficial use score</b>	<b>0</b>	
		<b>Max Possible Score = 2</b>		
<b>Total Score</b>			<b>16.12</b>	





**DRAFT**

# **LINDSAY CREEK DRAFT NITRATE PRIORITY AREA FOR GROUND WATER**

## **Legend**

### **Nitrate Concentrations Milligrams per Liter (mg/L)**

- Non-detect - 1.99
- 2.00 - 4.99
- 5.00 - 9.99
- $\geq$  10.00

  Draft Nitrate Priority Areas

☆ Cities

  County Boundaries

Nitrate Priority Area - 25% of samples  
are greater than or equal to 1/2 drinking  
water standards or 5.00 mg/L

EPA Drinking Water Standards  
for Nitrate is 10.00 mg/L



July, 2008

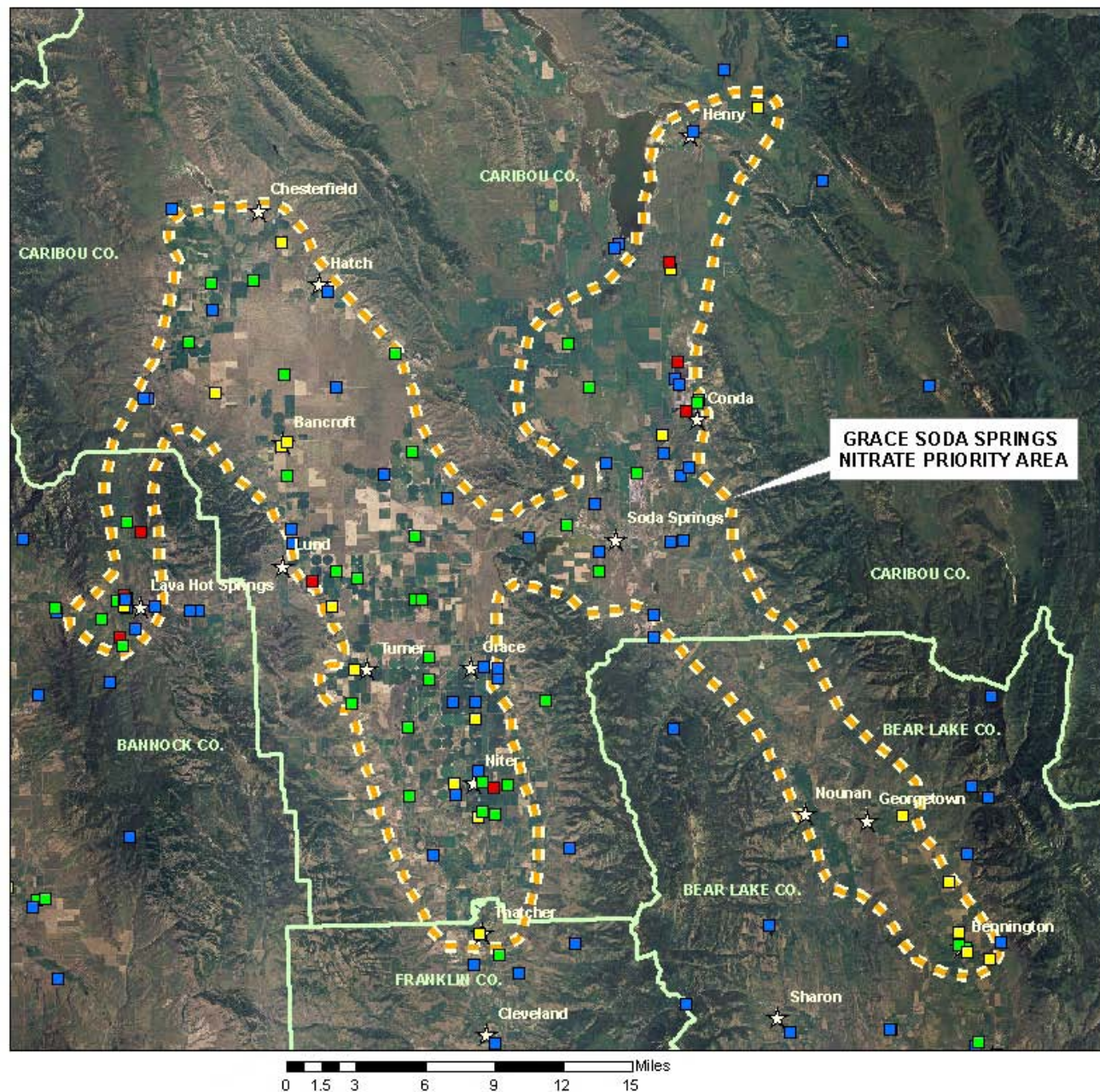
0 0.5 1 2 3 4 Miles

## **APPENDIX #22 – GRACE/SODA SPRINGS**

### **GRACE/SODA SPRINGS NITRATE PRIORITY AREA #22 SCORE SHEET AND MAP**

<b>Priority Area Number: 22</b>		<b>Priority Area Name: Grace/Soda Springs</b>		
<b>Ranking Criteria</b>			<b>Score</b>	<b>Comments</b>
<b>1) POPULATION</b>				
	<b>Points</b>	<b>Select One</b>		
<b>a) Within Degraded Area</b>				
<1000	1			
1000 to 10,000	2	x	2	8042
10,000 to 100,000	3			
		<b>Subtotal</b>	<b>2</b>	
<b>b) Source Water Protection Areas or Public Water System wells in Priority Area</b>				
0	0			
1 to 20	1			
>20	2	x	2	45
		<b>Subtotal</b>	<b>2</b>	
<b>c) Number of Wells with NO<sub>3</sub> &gt; 10 mg/l</b>				
0	0			
1 to 2	1			
3 to 5	2			
6 to 9	3	x	3	8
10 to 15	4			
>15	5			
		<b>Subtotal</b>	<b>3</b>	
		<b>Population Score</b>	<b>7</b>	
		<b>Max Possible Score = 10</b>		
<b>2) WATER QUALITY</b>				
	<b>% wells</b>	<b>Nitrate Concentration</b>		
		<b>Criteria</b>		
Percent of wells with NO <sub>3</sub> >2 mg/l	67%	2	1.34	
Percent of wells with NO <sub>3</sub> >5 mg/l	29%	5	1.45	
Percent of wells with NO <sub>3</sub> ≥ 10 mg/l	8%	10	0.80	
		<b>Water Quality Total</b>	<b>3.59</b>	
<b>3) WATER QUALITY TRENDS</b>				
		<b>Select One</b>		
Increasing	10			
No Discernable Trend	5	X	5	
Decreasing trend	0			
		<b>Trend Score</b>	<b>5.00</b>	
		<b>Max Possible Score = 10</b>		
<b>4) OTHER BENEFICIAL USES</b>				
Other beneficial uses are impaired	2	Yes=2 No = 0	0	
		<b>Beneficial use score</b>	<b>0</b>	
		<b>Max Possible Score = 2</b>		
<b>Total Score</b>			<b>15.59</b>	





**DRAFT**

## GRACE SODA SPRINGS NITRATE PRIORITY AREA FOR GROUND WATER

### Legend

#### Nitrate Concentrations Milligrams per Liter (mg/L)

- Non-detected - 1.99
- 2.00 - 4.99
- 5.00 - 9.99
- $\geq 10.00$

- ▭ Draft Nitrate Priority Areas
- ☆ Cities
- ▭ County Boundaries

Nitrate Priority Area - 25% of samples  
are greater than or equal to 1/2 drinking  
water standards or 5.00 mg/L

EPA Drinking Water Standards  
for Nitrate is 10.00 mg/L



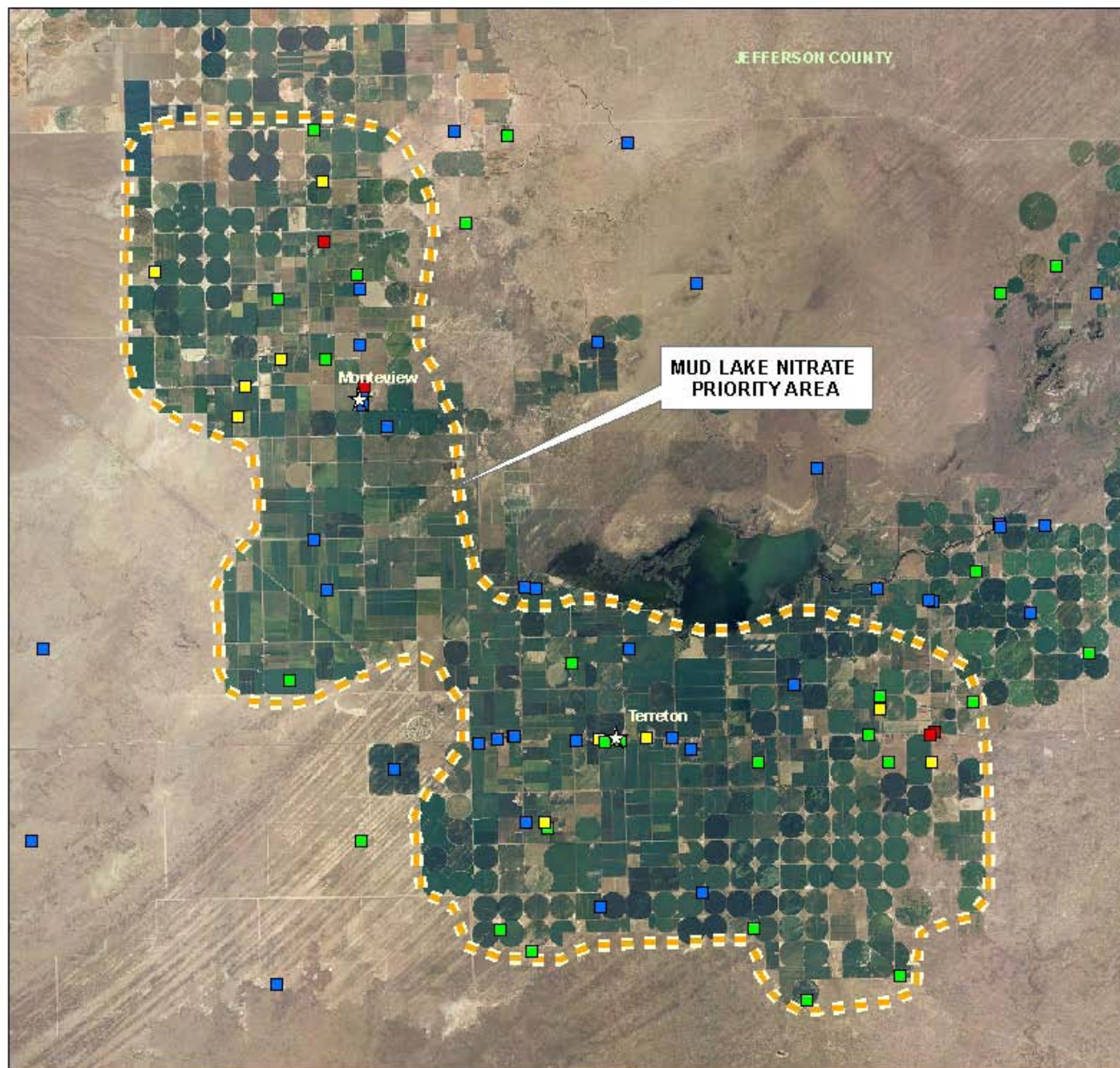
July, 2008

## **APPENDIX #23 – MUD LAKE**

### **MUD LAKE NITRATE PRIORITY AREA #23 SCORE SHEET AND MAP**

<b>Priority Area Number: 23</b>		<b>Priority Area Name: Mud Lake</b>		
<b>Ranking Criteria</b>			<b>Score</b>	<b>Comments</b>
<b>1) POPULATION</b>				
	<b>Points</b>	<b>Select One</b>		
<b>a) Within Degraded Area</b>				
<1000	1			
1000 to 10,000	2	x	2	1309
10,000 to 100,000	3			
		<b>Subtotal</b>	<b>2</b>	
<b>b) Source Water Protection Areas or Public Water System wells in Priority Area</b>				
0	0			
1 to 20	1	x	1	11
>20	2			
		<b>Subtotal</b>	<b>1</b>	
<b>c) Number of Wells with NO<sub>3</sub> &gt; 10 mg/l</b>				
0	0			
1 to 2	1			
3 to 5	2			
6 to 9	3			
10 to 15	4	x	4	14
>15	5			
		<b>Subtotal</b>	<b>4</b>	
		<b>Population Score</b>	<b>7</b>	
		<b>Max Possible Score = 10</b>		
<b>2) WATER QUALITY</b>				
	<b>% wells</b>	<b>Nitrate Concentration Criteria</b>		
Percent of wells with NO <sub>3</sub> >2 mg/l	63%	2	1.26	
Percent of wells with NO <sub>3</sub> >5 mg/l	27%	5	1.35	
Percent of wells with NO <sub>3</sub> ≥ 10 mg/l	8%	10	0.80	
		<b>Water Quality Total</b>	<b>3.41</b>	
<b>3) WATER QUALITY TRENDS</b>				
		<b>Select One</b>		
Increasing	10			
No Discernable Trend	5	x	5	
Decreasing trend	0			
		<b>Trend Score</b>	<b>5</b>	
		<b>Max Possible Score = 10</b>		
<b>4) OTHER BENEFICIAL USES</b>				
Other beneficial uses are impaired	2	Yes=2 No = 0	0	
		<b>Beneficial use score</b>	<b>0</b>	
		<b>Max Possible Score = 2</b>		
<b>Total Score</b>			<b>15.41</b>	





**DRAFT**

## MUD LAKE NITRATE PRIORITY AREA FOR GROUND WATER

### Legend

#### Nitrate Concentrations Milligrams per Liter (mg/L)

- Non-detect - 1.99
- 2.00 - 4.99
- 5.00 - 9.99
- $\geq 10.00$

- ▬ Draft Nitrate Priority Areas
- ☆ Cities
- ▬ County Boundaries

Nitrate Priority Area - 25% of samples  
are greater than or equal to 1/2 drinking  
water standards or 5.00 mg/L

EPA Drinking Water Standards  
for Nitrate is 10.00 mg/L



July, 2008

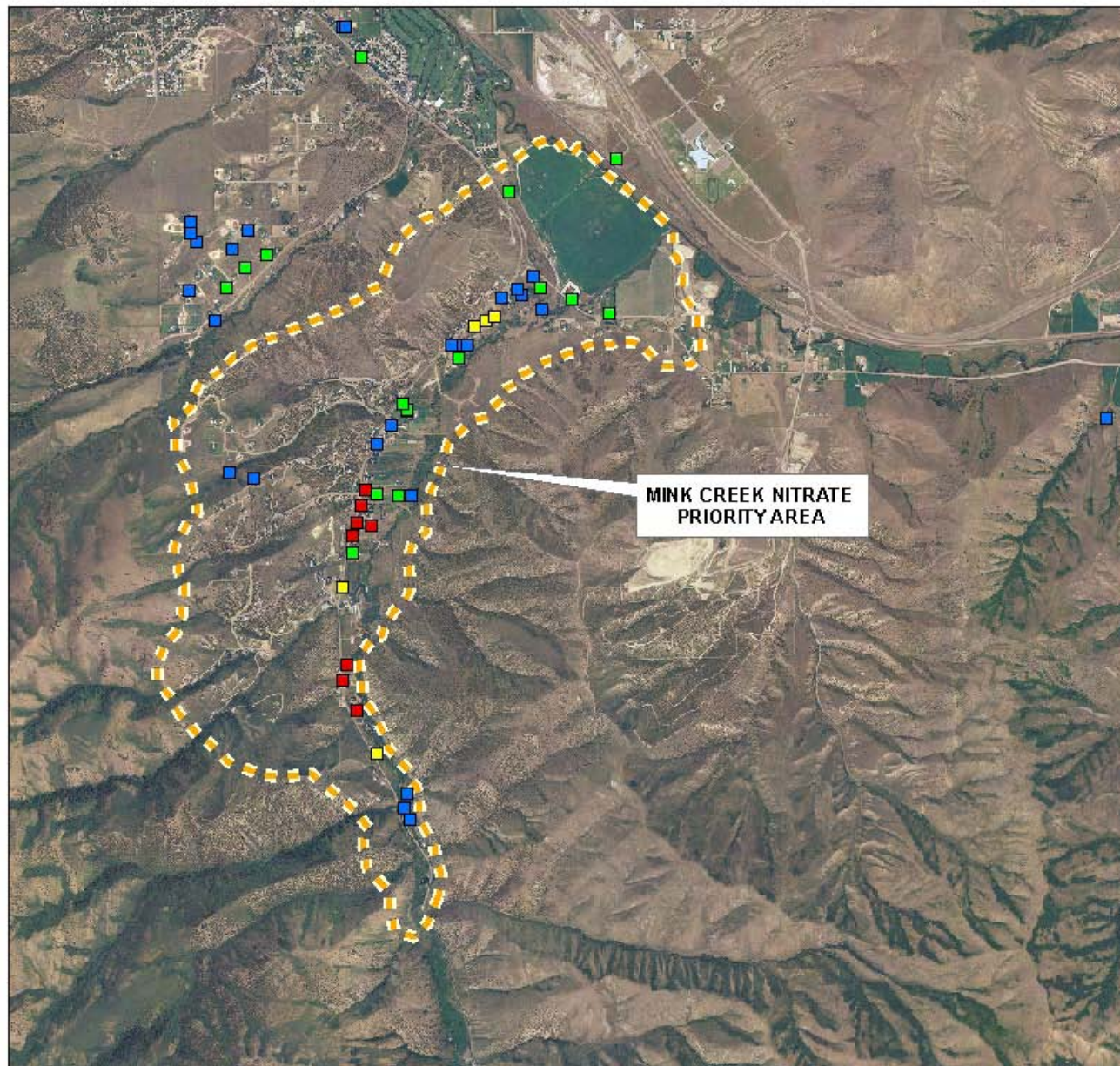
0 0.5 1 2 3 4 5 Miles

## **APPENDIX #24 – MINK CREEK**

### **MINK CREEK NITRATE PRIORITY AREA #24 SCORE SHEET AND MAP**

<b>Priority Area Number: 24</b>		<b>Priority Area Name: Mink Creek</b>		
<b>Ranking Criteria</b>			<b>Score</b>	<b>Comments</b>
<b>1) POPULATION</b>				
	<b>Points</b>	<b>Select One</b>		
<b>a) Within Degraded Area</b>				
<1000	1	x	1	650
1000 to 10,000	2			
10,000 to 100,000	3			
		<b>Subtotal</b>	<b>1</b>	
<b>b) Source Water Protection Areas or Public Water System wells in Priority Area</b>				
0	0			
1 to 20	1	x	1	11
>20	2			
		<b>Subtotal</b>	<b>1</b>	
<b>c) Number of Wells with NO<sub>3</sub> &gt; 10 mg/l</b>				
0	0			
1 to 2	1			
3 to 5	2			
6 to 9	3	x	3	8
10 to 15	4			
>15	5			
		<b>Subtotal</b>	<b>3</b>	
		<b>Population Score</b>	<b>5</b>	
		<b>Max Possible Score = 10</b>		
<b>2) WATER QUALITY</b>				
	<b>% wells</b>	<b>Nitrate Concentration Criteria</b>		
Percent of wells with NO <sub>3</sub> >2 mg/l	60%	2	1.20	
Percent of wells with NO <sub>3</sub> >5 mg/l	33%	5	1.65	
Percent of wells with NO <sub>3</sub> ≥ 10 mg/l	20%	10	2.00	
		<b>Water Quality Total</b>	<b>4.85</b>	
<b>3) WATER QUALITY TRENDS</b>				
		<b>Select One</b>		
Increasing	10			
No Discernable Trend	5	x	5	
Decreasing trend	0			
		<b>Trend Score</b>	<b>5.00</b>	
		<b>Max Possible Score = 10</b>		
<b>4) OTHER BENEFICIAL USES</b>				
Other beneficial uses are impaired	2	Yes=2 No = 0		
		<b>Beneficial use score</b>	<b>0</b>	
		<b>Max Possible Score = 2</b>		
<b>Total Score</b>			<b>14.85</b>	





**DRAFT**

## MINK CREEK NITRATE PRIORITY AREA FOR GROUND WATER

### Legend

#### Nitrate Concentrations Milligrams per Liter (mg/L)

- Non-detect - 1.99
- 2.00 - 4.99
- 5.00 - 9.99
- $\geq 10.00$

- ▬ Draft Nitrate Priority Areas
- ☆ Cities
- ▬ County Boundaries

Nitrate Priority Area - 25% of samples  
are greater than or equal to 1/2 drinking  
water standards or 5.00 mg/L

EPA Drinking Water Standards  
for Nitrate is 10.00 mg/L



July, 2008

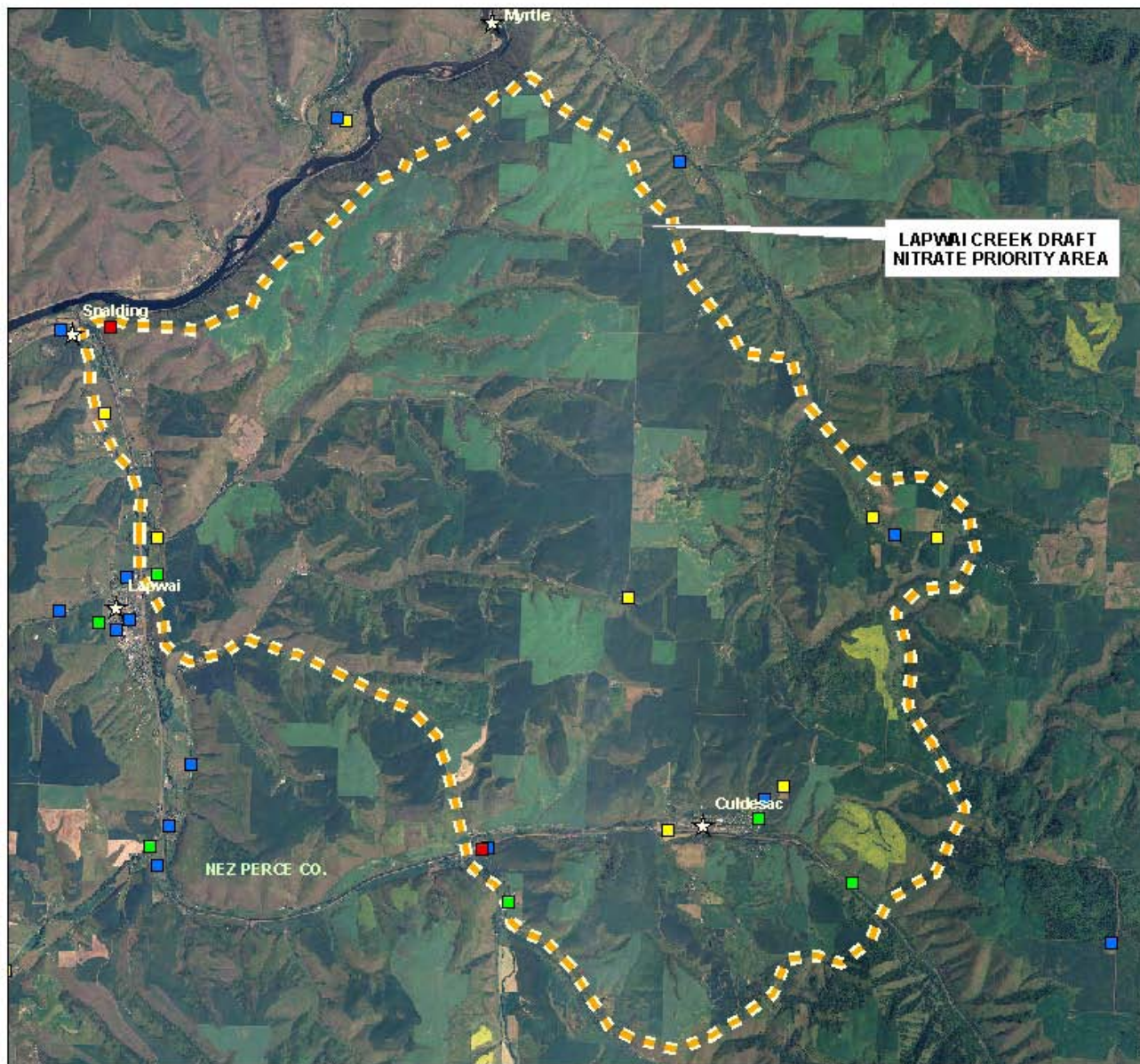
0 0.2 0.4 0.8 1.2 1.6 2 Miles

## **APPENDIX #25 – LAPWAI CREEK**

### **LAPWAI CREEK NITRATE PRIORITY AREA #25 SCORE SHEET AND MAP**

Priority Area Number: 25		Priority Area Name: Lapwai Creek		
Ranking Criteria			Score	Comments
<b>1) POPULATION</b>				
	Points	Select One		
<b>a) Within Degraded Area</b>				
<1000	1			
1000 to 10,000	2	x	2	1026
10,000 to 100,000	3			
		<b>Subtotal</b>	<b>2</b>	
<b>b) Source Water Protection Areas or Public Water System wells in Priority Area</b>				
0	0			
1 to 20	1	X	1	8
>20	2			
		<b>Subtotal</b>	<b>1</b>	
<b>c) Number of Wells with NO<sub>3</sub> &gt; 10 mg/l</b>				
0	0			
1 to 2	1	x	1	2
3 to 5	2			
6 to 9	3			
10 to 15	4			
>15	5			
		<b>Subtotal</b>	<b>1</b>	
		<b>Population Score</b>	<b>4</b>	
		<b>Max Possible Score = 10</b>		
<b>2) WATER QUALITY</b>				
	% wells	<b>Nitrate Concentration</b>		
		<b>Criteria</b>		
Percent of wells with NO <sub>3</sub> >2 mg/l	81%	2	1.62	
Percent of wells with NO <sub>3</sub> >5 mg/l	56%	5	2.80	
Percent of wells with NO <sub>3</sub> ≥ 10 mg/l	13%	10	1.30	
		<b>Water Quality Total</b>	<b>5.72</b>	
<b>3) WATER QUALITY TRENDS</b>				
		<b>Select One</b>		
Increasing	10			
No Discernable Trend	5	x	5	
Decreasing trend	0			
		<b>Trend Score</b>	<b>5</b>	
		<b>Max Possible Score = 10</b>		
<b>4) OTHER BENEFICIAL USES</b>				
Other beneficial uses are impaired	2	Yes=2 No = 0	0	
		<b>Beneficial use score</b>	<b>0</b>	
		<b>Max Possible Score = 2</b>		
<b>Total Score</b>			<b>14.72</b>	





**DRAFT**

## LAPWAI CREEK DRAFT NITRATE PRIORITY AREA FOR GROUND WATER

### Legend

#### Nitrate Concentrations Milligrams per Liter (mg/L)

- Non-detect - 1.99
- 2.00 - 4.99
- 5.00 - 9.99
- $\geq 10.00$

- - - Draft Nitrate Priority Areas

★ Cities

□ County Boundaries

Nitrate Priority Area - 25% of samples  
are greater than or equal to 1/2 drinking  
water standards or 5.00 mg/L

EPA Drinking Water Standards  
for Nitrate is 10.00 mg/L



April, 2008

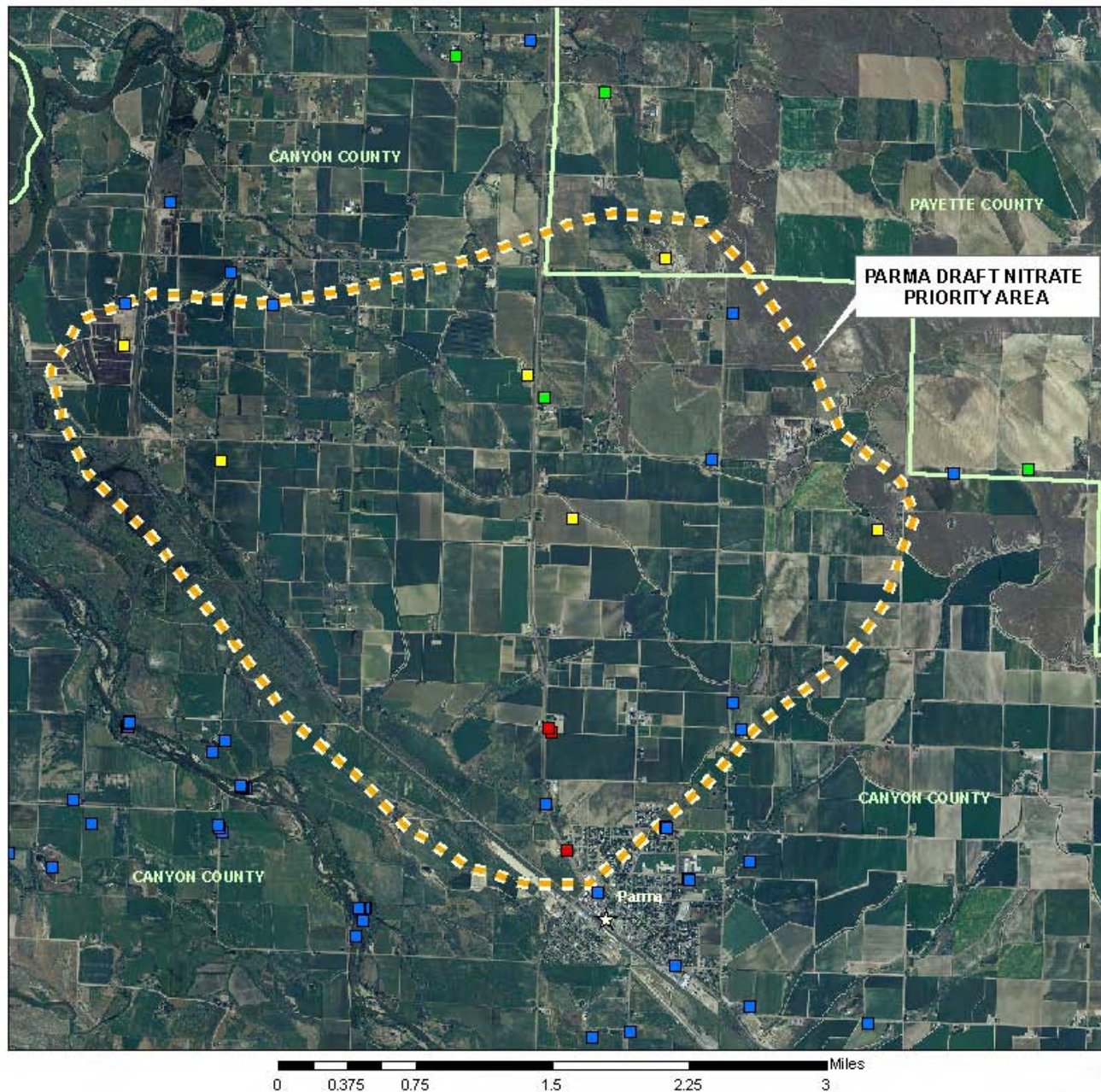
0 0.5 1 2 3 4 Miles

## **APPENDIX #26 – PARMA**

### **PARMA NITRATE PRIORITY AREA #26 SCORE SHEET AND MAP**

Priority Area Number: 26		Priority Area Name: Parma		
Ranking Criteria			Score	Comments
<b>1) POPULATION</b>				
	<b>Points</b>	<b>Select One</b>		
<b>a) Within Degraded Area</b>				
<1000	1	x	1	890
1000 to 10,000	2			
10,000 to 100,000	3			
		<b>Subtotal</b>	<b>1</b>	
<b>b) Source Water Protection Areas or Public Water System wells in Priority Area</b>				
0	0			
1 to 20	1	x	1	3
>20	2			
		<b>Subtotal</b>	<b>1</b>	
<b>c) Number of Wells with NO<sub>3</sub> &gt; 10 mg/l</b>				
0	0			
1 to 2	1			
3 to 5	2	x	2	3
6 to 9	3			
10 to 15	4			
>15	5			
		<b>Subtotal</b>	<b>2</b>	
		<b>Population Score</b>	<b>4</b>	
		<b>Max Possible Score = 10</b>		
<b>2) WATER QUALITY</b>				
	<b>% wells</b>	<b>Nitrate Concentration Criteria</b>		
Percent of wells with NO <sub>3</sub> >2 mg/l	59%	2	1.18	
Percent of wells with NO <sub>3</sub> >5 mg/l	53%	5	2.65	
Percent of wells with NO <sub>3</sub> ≥ 10 mg/l	18%	10	1.80	
		<b>Water Quality Total</b>	<b>5.63</b>	
<b>3) WATER QUALITY TRENDS</b>				
		<b>Select One</b>		
Increasing	10			
No Discernable Trend	5	x	5	
Decreasing trend	0			
		<b>Trend Score</b>	<b>5</b>	
		<b>Max Possible Score = 10</b>		
<b>4) OTHER BENEFICIAL USES</b>				
Other beneficial uses are impaired	2	Yes=2 No = 0	0	
		<b>Beneficial use score</b>	<b>0</b>	
		<b>Max Possible Score = 2</b>		
<b>Total Score</b>			<b>14.63</b>	



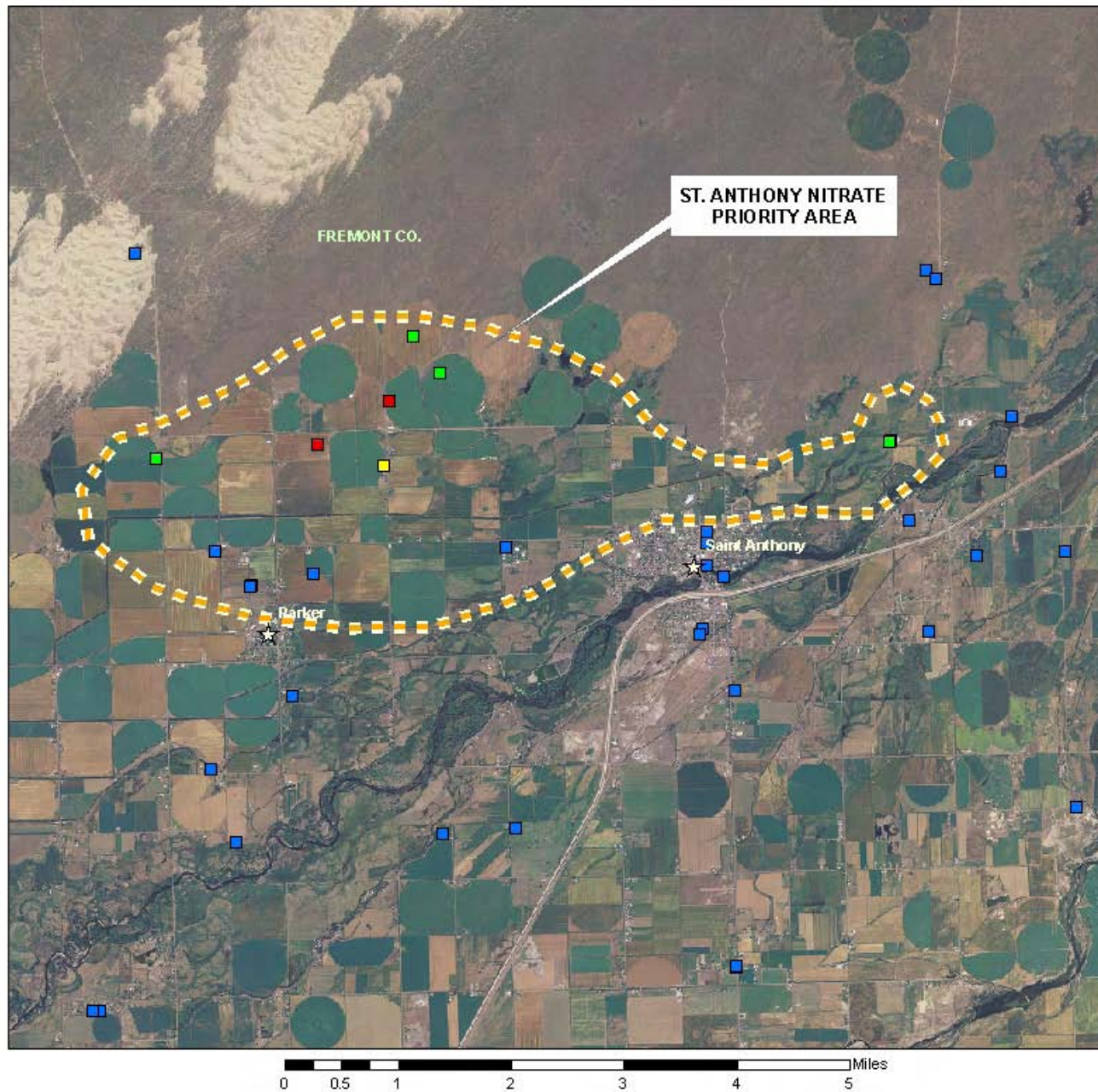


## **APPENDIX #27 – ST. ANTHONY**

### **ST. ANTHONY NITRATE PRIORITY AREA #27 SCORE SHEET AND MAP**

<b>Priority Area Number: 27</b>		<b>Priority Area Name: St. Anthony</b>		
<b>Ranking Criteria</b>			<b>Score</b>	<b>Comments</b>
<b>1) POPULATION</b>				
	<b>Points</b>	<b>Select One</b>		
<b>a) Within Degraded Area</b>				
<1000	1	x	1	666
1000 to 10,000	2			
10,000 to 100,000	3			
		<b>Subtotal</b>	<b>1</b>	
<b>b) Source Water Protection Areas or Public Water System wells in Priority Area</b>				
0	0			
1 to 20	1	x	1	5
>20	2			
		<b>Subtotal</b>	<b>1</b>	
<b>c) Number of Wells with NO<sub>3</sub> &gt; 10 mg/l</b>				
0	0			
1 to 2	1			
3 to 5	2	x	2	3
6 to 9	3			
10 to 15	4			
>15	5			
		<b>Subtotal</b>	<b>2</b>	
		<b>Population Score</b>	<b>4</b>	
		<b>Max Possible Score = 10</b>		
<b>2) WATER QUALITY</b>				
	<b>% wells</b>	<b>Nitrate Concentration Criteria</b>		
Percent of wells with NO <sub>3</sub> >2 mg/l	64%	2	1.28	
Percent of wells with NO <sub>3</sub> >5 mg/l	36%	5	1.80	
Percent of wells with NO <sub>3</sub> ≥ 10 mg/l	21%	10	2.10	
		<b>Water Quality Total</b>	<b>5.18</b>	
<b>3) WATER QUALITY TRENDS</b>				
		<b>Select One</b>		
Increasing	10			
No Discernable Trend	5	x	5	
Decreasing trend	0			
		<b>Trend Score</b>	<b>5</b>	
		<b>Max Possible Score = 10</b>		
<b>4) OTHER BENEFICIAL USES</b>				
Other beneficial uses are impaired	2	Yes=2 No = 0	0	
		<b>Beneficial use score</b>	<b>0</b>	
		<b>Max Possible Score = 2</b>		
<b>Total Score</b>			<b>14.18</b>	





**DRAFT**

**ST. ANTHONY DRAFT  
NITRATE PRIORITY AREA  
FOR GROUND WATER**

**Legend**

**Nitrate Concentrations**

**Milligrams per Liter (mg/L)**

- Non-detect - 1.99
- 2.00 - 4.99
- 5.00 - 9.99
- $\geq 10.00$

  Draft Nitrate Priority Areas

★ Cities

  County Boundaries

Nitrate Priority Area - 25% of samples  
are greater than or equal to 1/2 drinking  
water standards or 5.00 mg/L

EPA Drinking Water Standards  
for Nitrate is 10.00 mg/L



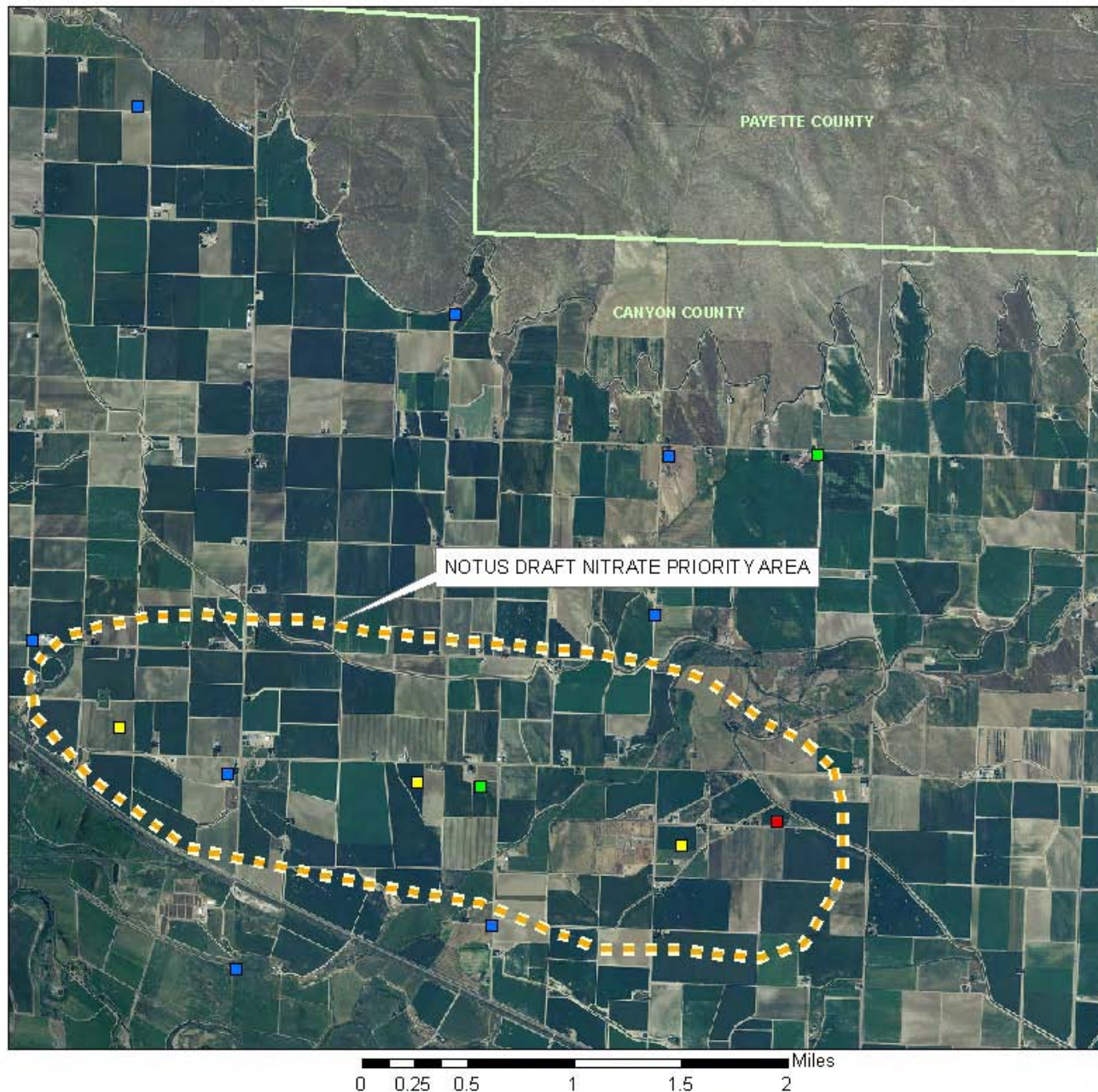
July, 2008

## **APPENDIX #28 – NOTUS**

### **NOTUS NITRATE PRIORITY AREA #28 SCORE SHEET AND MAP**

<b>Priority Area Number: 28</b>		<b>Priority Area Name: Notus</b>		
<b>Ranking Criteria</b>			<b>Score</b>	<b>Comments</b>
<b>1) POPULATION</b>				
	<b>Points</b>	<b>Select One</b>		
<b>a) Within Degraded Area</b>				
<1000	1	x	1	135
1000 to 10,000	2			
10,000 to 100,000	3			
		<b>Subtotal</b>	<b>1</b>	
<b>b) Source Water Protection Areas or Public Water System wells in Priority Area</b>				
0	0	x	0	
1 to 20	1			
>20	2			
		<b>Subtotal</b>	<b>0</b>	
<b>c) Number of Wells with NO<sub>3</sub> &gt; 10 mg/l</b>				
0	0			
1 to 2	1	x	1	1
3 to 5	2			
6 to 9	3			
10 to 15	4			
>15	5			
		<b>Subtotal</b>	<b>1</b>	
		<b>Population Score</b>	<b>2</b>	
		<b>Max Possible Score = 10</b>		
<b>2) WATER QUALITY</b>				
	<b>% wells</b>	<b>Nitrate Concentration Criteria</b>		
Percent of wells with NO <sub>3</sub> >2 mg/l	83%	2	1.66	
Percent of wells with NO <sub>3</sub> >5 mg/l	67%	5	3.35	
Percent of wells with NO <sub>3</sub> ≥ 10 mg/l	17%	10	1.70	
		<b>Water Quality Total</b>	<b>6.71</b>	
<b>3) WATER QUALITY TRENDS</b>				
		<b>Select One</b>		
Increasing	10			
No Discernable Trend	5	x	5	
Decreasing trend	0			
		<b>Trend Score</b>	<b>5</b>	
		<b>Max Possible Score = 10</b>		
<b>4) OTHER BENEFICIAL USES</b>				
Other beneficial uses are impaired	2	Yes=2 No = 0	0	
		<b>Beneficial use score</b>	<b>0</b>	
		<b>Max Possible Score = 2</b>		
<b>Total Score</b>			<b>13.71</b>	





**DRAFT**

## NOTUS NITRATE PRIORITY AREA FOR GROUND WATER

### Legend

#### Nitrate Concentrations Milligrams per Liter (mg/L)

- Non-detect - 1.99
- 2.00 - 4.99
- 5.00 - 9.99
- $\geq 10.00$

- Draft Nitrate Priority Areas
- ☆ Cities
- County Boundaries

Nitrate Priority Area - 25% of samples  
are greater than or equal to 1/2 drinking  
water standards or 5.00 mg/L

EPA Drinking Water Standards  
for Nitrate is 10.00 mg/L



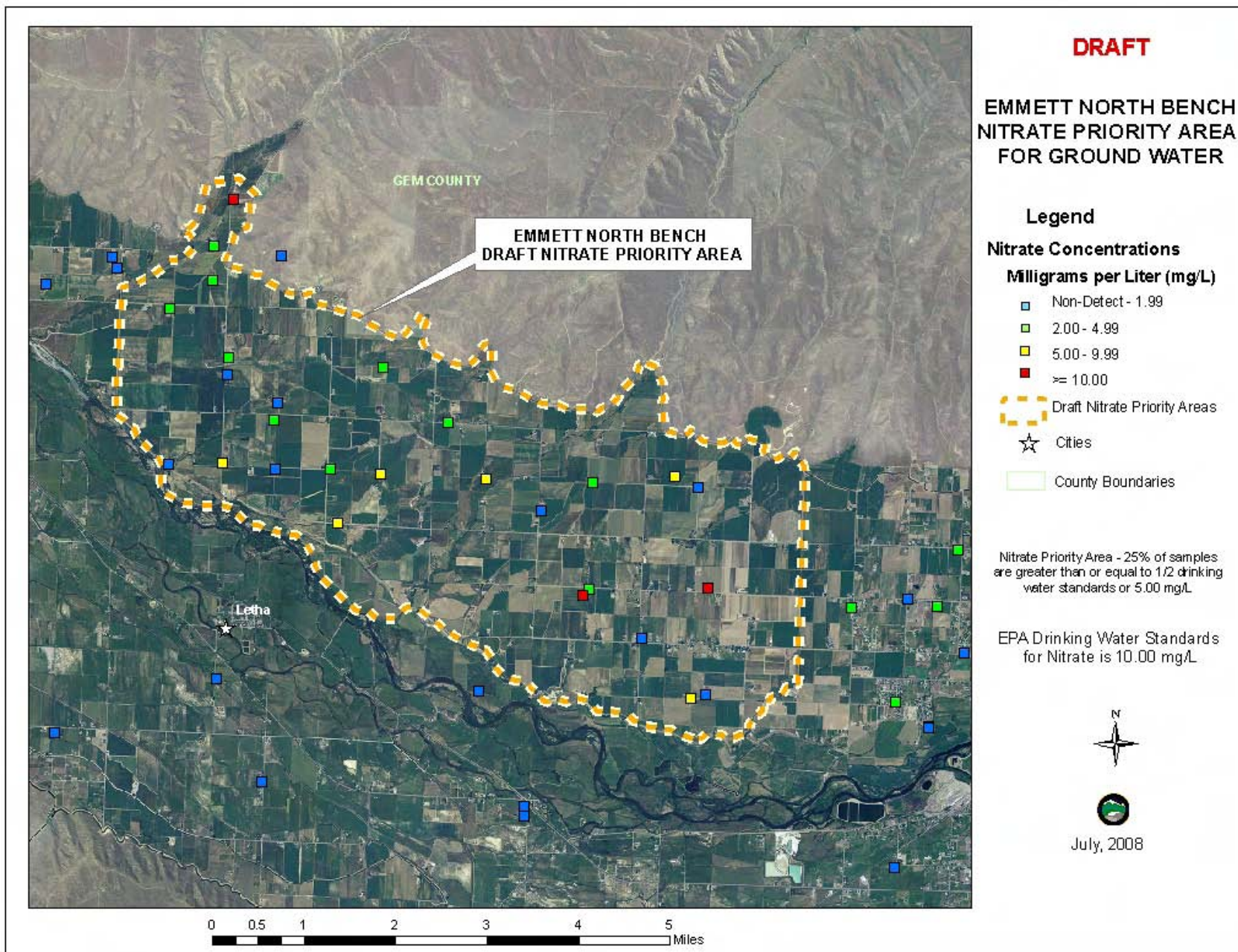
July, 2008



## **APPENDIX #29 – EMMETT NORTH BENCH**

### **EMMETT NORTH BENCH NITRATE PRIORITY AREA #29 SCORE SHEET AND MAP**

<b>Priority Area Number: 29</b>		<b>Priority Area Name: Emmett North Bench</b>		
<b>Ranking Criteria</b>			<b>Score</b>	<b>Comments</b>
<b>1) POPULATION</b>				
	<b>Points</b>	<b>Select One</b>		
<b>a) Within Degraded Area</b>				
<1000	1	x	1	887
1000 to 10,000	2			
10,000 to 100,000	3			
		<b>Subtotal</b>	<b>1</b>	
<b>b) Source Water Protection Areas or Public Water System wells in Priority Area</b>				
0	0			
1 to 20	1	x	1	3
>20	2			
		<b>Subtotal</b>	<b>1</b>	
<b>c) Number of Wells with NO<sub>3</sub> &gt; 10 mg/l</b>				
0	0			
1 to 2	1			
3 to 5	2	x	2	3
6 to 9	3			
10 to 15	4			
>15	5			
		<b>Subtotal</b>	<b>2</b>	
		<b>Population Score</b>	<b>4</b>	
		<b>Max Possible Score = 10</b>		
<b>2) WATER QUALITY</b>				
	<b>% wells</b>	<b>Nitrate Concentration</b>		
		<b>Criteria</b>		
Percent of wells with NO <sub>3</sub> >2 mg/l	70%	2	1.40	
Percent of wells with NO <sub>3</sub> >5 mg/l	33%	5	1.65	
Percent of wells with NO <sub>3</sub> ≥ 10 mg/l	11%	10	1.10	
		<b>Water Quality Total</b>	<b>4.15</b>	
<b>3) WATER QUALITY TRENDS</b>				
		<b>Select One</b>		
Increasing	10			
No Discernable Trend	5	x	5	
Decreasing trend	0			
		<b>Trend Score</b>	<b>5</b>	
<b>Max Possible Score = 10</b>				
<b>4) OTHER BENEFICIAL USES</b>				
Other beneficial uses are impaired	2	Yes=2 No = 0	0	
		<b>Beneficial use score</b>	<b>0</b>	
		<b>Max Possible Score = 2</b>		
<b>Total Score</b>			<b>13.15</b>	



## **APPENDIX #30 – N. POCATELLO**

### **NORTH POCATELLO NITRATE PRIORITY AREA #30 SCORE SHEET AND MAP**



<b>Priority Area Number: 30</b>		<b>Priority Area Name: N. Pocatello</b>		
<b>Ranking Criteria</b>			<b>Score</b>	<b>Comments</b>
<b>1) POPULATION</b>				
	<b>Points</b>	<b>Select One</b>		
<b>a) Within Degraded Area</b>				
<1000	1			
1000 to 10,000	2	X	2	4464
10,000 to 100,000	3			
		<b>Subtotal</b>	<b>2</b>	
<b>b) Source Water Protection Areas or Public Water System wells in Priority Area</b>				
0	0			
1 to 20	1	x	1	10
>20	2			
		<b>Subtotal</b>	<b>1</b>	
<b>c) Number of Wells with NO<sub>3</sub> &gt; 10 mg/l</b>				
0	0	x	0	
1 to 2	1			
3 to 5	2			
6 to 9	3			
10 to 15	4			
>15	5			
		<b>Subtotal</b>	<b>0</b>	
		<b>Population Score</b>	<b>3</b>	
		<b>Max Possible Score = 10</b>		
<b>2) WATER QUALITY</b>				
	<b>% wells</b>	<b>Nitrate Concentration</b>		
		<b>Criteria</b>		
Percent of wells with NO <sub>3</sub> >2 mg/l	100%	2	2.00	
Percent of wells with NO <sub>3</sub> >5 mg/l	28%	5	1.40	
Percent of wells with NO <sub>3</sub> ≥ 10 mg/l	0%	10	0.00	
		<b>Water Quality Total</b>	<b>3.40</b>	
<b>3) WATER QUALITY TRENDS</b>				
		<b>Select One</b>		
Increasing	10			
No Discernable Trend	5	X	5	
Decreasing trend	0			
		<b>Trend Score</b>	<b>5.00</b>	
		<b>Max Possible Score = 10</b>		
<b>4) OTHER BENEFICIAL USES</b>				
Other beneficial uses are impaired	2	Yes=2 No = 0	0	
		<b>Beneficial use score</b>	<b>0</b>	
		<b>Max Possible Score = 2</b>		
<b>Total Score</b>			<b>11.40</b>	



**DRAFT**

## N. POCATELLO NITRATE PRIORITY AREA FOR GROUND WATER

### Legend

#### Nitrate Concentrations Milligrams per Liter (mg/L)

- Non-detect - 1.99
- 2.00 - 4.99
- 5.00 - 9.99
- $\geq 10.00$

■ Draft Nitrate Priority Areas

☆ Cities

■ County Boundaries

Nitrate Priority Area - 25% of samples  
are greater than or equal to 1/2 drinking  
water standards or 5.00 mg/L

EPA Drinking Water Standards  
for Nitrate is 10.00 mg/L



July, 2008

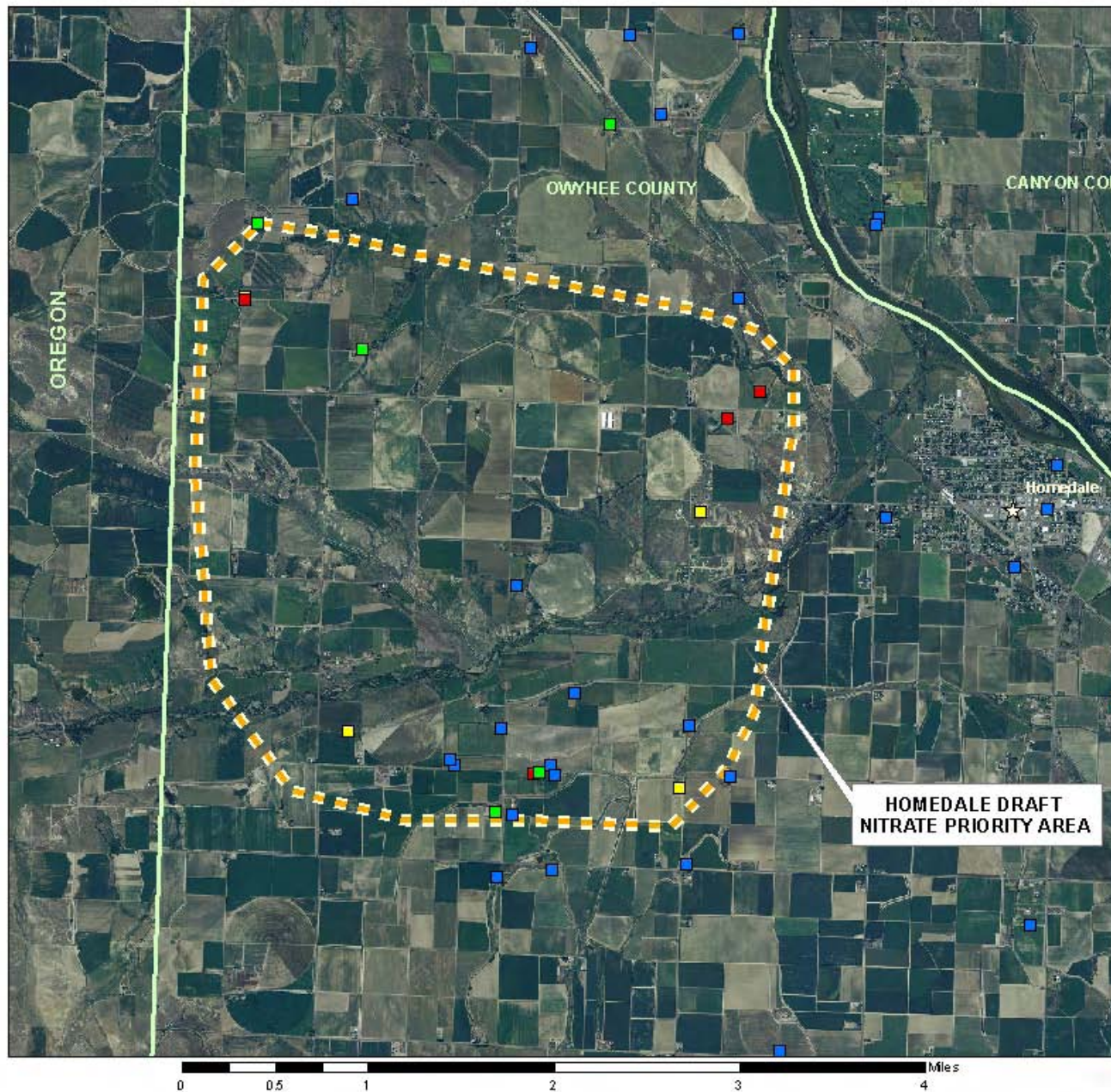
0 0.15 0.3 0.6 0.9 1.2 1.5 Miles

## **APPENDIX #31 – HOMEDALE**

### **HOMEDALE NITRATE PRIORITY AREA #31 SCORE SHEET AND MAP**

<b>Priority Area Number: 31</b>		<b>Priority Area Name: Homedale</b>		
<b>Ranking Criteria</b>			<b>Score</b>	<b>Comments</b>
<b>1) POPULATION</b>				
	<b>Points</b>	<b>Select One</b>		
<b>a) Within Degraded Area</b>				
<1000	1	x	1	387
1000 to 10,000	2			
10,000 to 100,000	3			
		<b>Subtotal</b>	<b>1</b>	
<b>b) Source Water Protection Areas or Public Water System wells in Priority Area</b>				
0	0			
1 to 20	1	x	1	1
>20	2			
		<b>Subtotal</b>	<b>1</b>	
<b>c) Number of Wells with NO<sub>3</sub> &gt; 10 mg/l</b>				
0	0			
1 to 2	1			
3 to 5	2	x	2	5
6 to 9	3			
10 to 15	4			
>15	5			
		<b>Subtotal</b>	<b>2</b>	
		<b>Population Score</b>	<b>4</b>	
		<b>Max Possible Score = 10</b>		
<b>2) WATER QUALITY</b>				
	<b>% wells</b>	<b>Nitrate Concentration</b>		
		<b>Criteria</b>		
Percent of wells with NO <sub>3</sub> >2 mg/l	50%	2	1.00	
Percent of wells with NO <sub>3</sub> >5 mg/l	38%	5	1.90	
Percent of wells with NO <sub>3</sub> ≥ 10 mg/l	20%	10	2.00	
		<b>Water Quality Total</b>	<b>4.90</b>	
<b>3) WATER QUALITY TRENDS</b>				
		<b>Select One</b>		
Increasing	10			
No Discernable Trend	5			
Decreasing trend	0	x	0	90% Confidence Level
		<b>Trend Score</b>	<b>0</b>	
<b>Max Possible Score = 10</b>				
<b>4) OTHER BENEFICIAL USES</b>				
Other beneficial uses are impaired	2	Yes=2 No = 0	0	
		<b>Beneficial use score</b>	<b>0</b>	
		<b>Max Possible Score = 2</b>		
<b>Total Score</b>			<b>8.90</b>	





**DRAFT**

## HOMEDALE NITRATE PRIORITY AREA FOR GROUND WATER

### Nitrate Concentrations Milligrams per Liter (mg/L)

- Non-Detect - 1.99
- 2.00 - 4.99
- 5.00 - 9.99
- $\geq 10.00$

- Draft Nitrate Priority Areas
- ☆ Cities
- County Boundaries

Nitrate Priority Area - 25% of samples are greater than or equal to 1/2 drinking water standards or 5.00 mg/L

EPA Drinking Water Standards for Nitrate is 10.00 mg/L



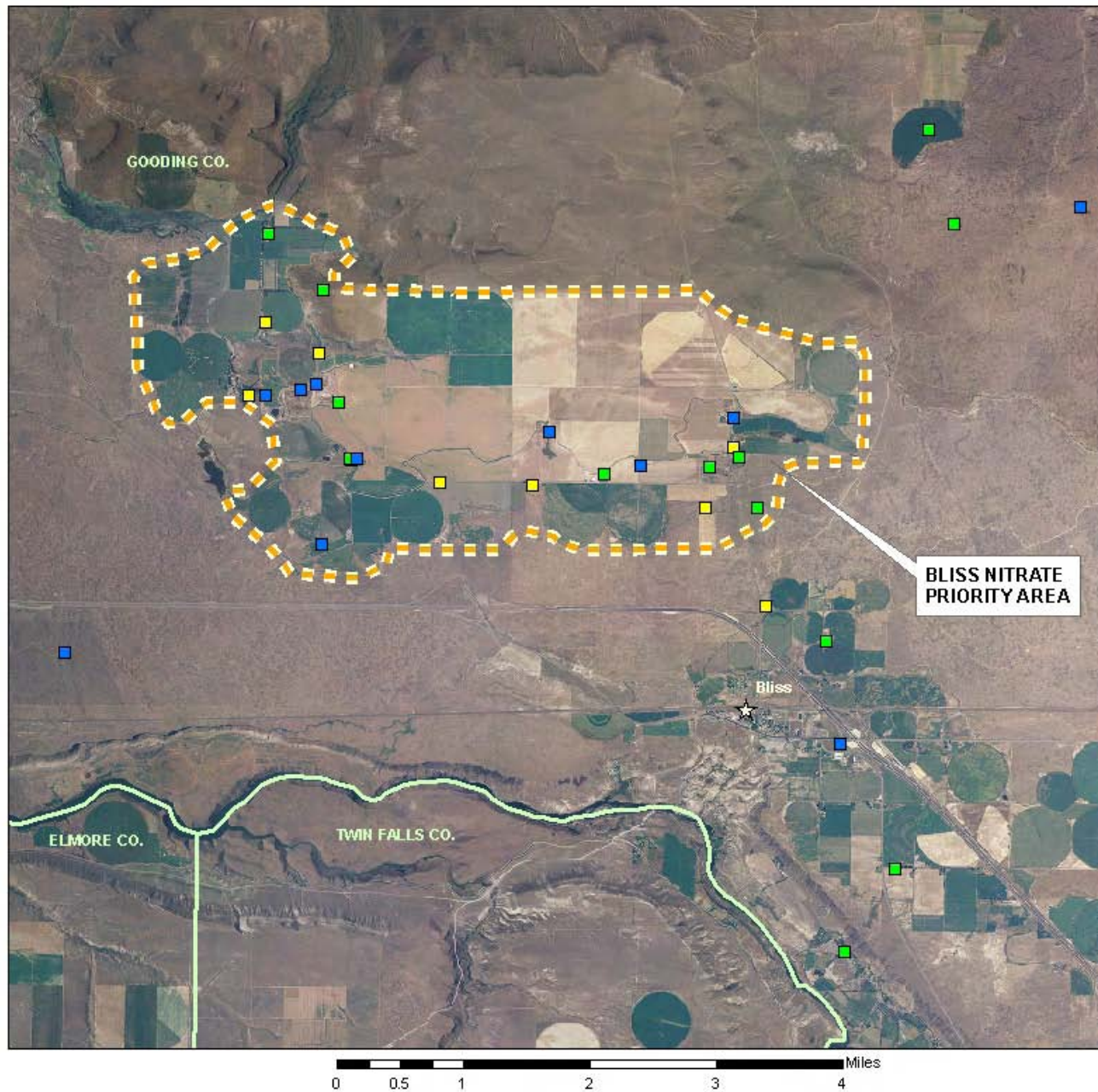
July, 2008

## **APPENDIX #32 – BLISS**

### **BLISS NITRATE PRIORITY AREA #32 SCORE SHEET AND MAP**

<b>Priority Area Number: 32</b>		<b>Priority Area Name: Bliss</b>		
<b>Ranking Criteria</b>			<b>Score</b>	<b>Comments</b>
<b>1) POPULATION</b>				
	<b>Points</b>	<b>Select One</b>		
<b>a) Within Degraded Area</b>				
<1000	1	x	1	76
1000 to 10,000	2			
10,000 to 100,000	3			
		<b>Subtotal</b>	<b>1</b>	
<b>b) Source Water Protection Areas or Public Water System wells in Priority Area</b>				
0	0	x	0	
1 to 20	1			
>20	2			
		<b>Subtotal</b>	<b>0</b>	
<b>c) Number of Wells with NO<sub>3</sub> &gt; 10 mg/l</b>				
0	0	x	0	
1 to 2	1			
3 to 5	2			
6 to 9	3			
10 to 15	4			
>15	5			
		<b>Subtotal</b>	<b>0</b>	
		<b>Population Score</b>	<b>1</b>	
		<b>Max Possible Score = 10</b>		
<b>2) WATER QUALITY</b>				
	<b>% wells</b>	<b>Nitrate Concentration</b>		
		<b>Criteria</b>		
Percent of wells with NO <sub>3</sub> >2 mg/l	67%	2	1.34	
Percent of wells with NO <sub>3</sub> >5 mg/l	29%	5	1.45	
Percent of wells with NO <sub>3</sub> ≥ 10 mg/l	0%	10	0	
		<b>Water Quality Total</b>	<b>2.79</b>	
<b>3) WATER QUALITY TRENDS</b>				
		<b>Select One</b>		
Increasing	10			
No Discernable Trend	5	x	5	
Decreasing trend	0			
		<b>Trend Score</b>	<b>5</b>	
		<b>Max Possible Score = 10</b>		
<b>4) OTHER BENEFICIAL USES</b>				
Other beneficial uses are impaired	2	Yes=2 No = 0	0	
		<b>Beneficial use score</b>	<b>0</b>	
		<b>Max Possible Score = 2</b>		
<b>Total Score</b>			<b>8.79</b>	





**DRAFT**

## BLISS NITRATE PRIORITY AREA FOR GROUND WATER

### Legend

#### Nitrate Concentrations Milligrams per Liter (mg/L)

- Non-detect - 1.99
- 2.00 - 4.99
- 5.00 - 9.99
- $\geq 10.00$

- Draft Nitrate Priority Areas
- ★ Cities
- County Boundaries

Nitrate Priority Area - 25% of samples  
are greater than or equal to 1/2 drinking  
water standards or 5.00 mg/L

EPA Drinking Water Standards  
for Nitrate is 10.00 mg/L



July, 2008